

DRILL STEM TEST REPORT

Prepared For: **EOG Resources Inc**

3817 NW Expressway Ste # 500
Oklahoma City OK 73112

ATTN: Dale Passig

11 34 38 Stevens KS

Verna 11-2

Start Date: 2007.01.06 @ 16:21:48

End Date: 2007.01.07 @ 05:38:48

Job Ticket #: 26341 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

EOG Resources Inc

3817 NW Expressway Ste # 500
Oklahoma City OK 73112

ATTN: Dale Passig

Verna 11-2

11 34 38 Stevens KS

Job Ticket: 26341

DST#: 1

Test Start: 2007.01.06 @ 16:21:48

GENERAL INFORMATION:

Formation: **Upper Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:15:27

Time Test Ended: 05:38:48

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: **5798.00 ft (KB) To 5972.00 ft (KB) (TVD)**

Total Depth: 5972.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 3200.00 ft (KB)

3188.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8288

Inside

Press@RunDepth: 1638.89 psig @ 5800.00 ft (KB)

Start Date: 2007.01.06

End Date:

2007.01.07

Capacity:

7000.00 psig

Start Time: 16:21:48

End Time:

05:38:48

Last Calib.:

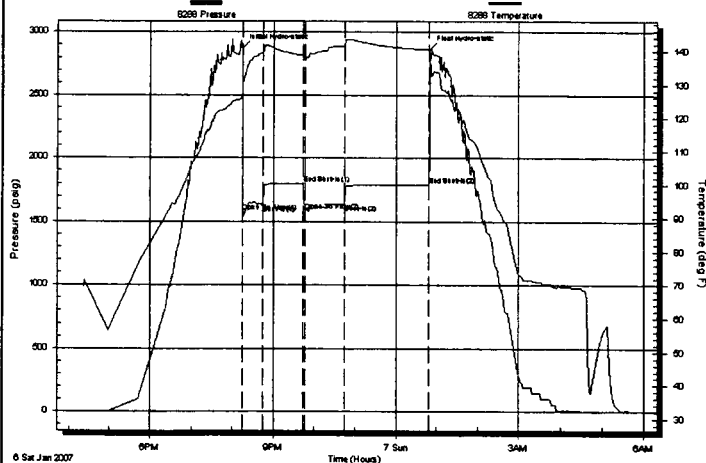
1899.12.30

Time On Btm: 2007.01.06 @ 20:14:48

Time Off Btm: 2007.01.07 @ 00:49:27

TEST COMMENT: IF BOB ASAO GTS 2 min. strong steady blow
ISI Blow back 2 min. weak surface blow
FF BOB GTS ASAO strong steady blow
FSI Blow back 1 min. 3 inches in 60 min.

Pressure vs. Time



PRESSURE SUMMARY

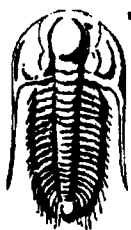
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2875.88	126.36	Initial Hydro-static
1	1577.61	129.84	Open To Flow (1)
31	1629.38	139.34	Shut-In(1)
90	1795.10	138.66	End Shut-In(1)
92	1581.84	137.79	Open To Flow(2)
150	1638.89	141.58	Shut-In(2)
274	1791.58	140.44	End Shut-In(2)
275	2864.46	138.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Gassy Water 5%G 95%W	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	250.00	7601.19
Last Gas Rate	1.00	300.00	9038.63
Max. Gas Rate	1.00	300.00	9038.63



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

EOG Resources Inc

Verna 11-2

3817 NW Expressway Ste # 500
Oklahoma City OK 73112

11 34 38 Stevens KS

Job Ticket: 26341

DST#: 1

ATTN: Dale Passig

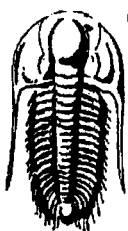
Test Start: 2007.01.06 @ 16:21:48

Tool Information

Drill Pipe:	Length: 5413.00 ft	Diameter: 3.80 inches	Volume: 75.93 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 366.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose:	125000.0 lb
		Total Volume:	77.73 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	102000.0 lb
Depth to Top Packer:	5798.00 ft			Final	102000.0 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	174.00 ft				
Tool Length:	205.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5768.00	
Shut In Tool	5.00			5773.00	
Sampler	3.00			5776.00	
Hydraulic tool	5.00			5781.00	
Jars	5.00			5786.00	
Safety Joint	3.00			5789.00	
Packer	5.00			5794.00	31.00 Bottom Of Top Packer
Packer	4.00			5798.00	
Stubb	1.00			5799.00	
Perforations	1.00			5800.00	
Recorder	0.00	8288	Inside	5800.00	
Perforations	12.00			5812.00	
Change Over Sub	1.00			5813.00	
Drill Pipe	155.00			5968.00	
Change Over Sub	1.00			5969.00	
Recorder	0.00	13630	Inside	5969.00	
Bullnose	3.00			5972.00	174.00 Bottom Packers & Anchor
Total Tool Length:		205.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

EOG Resources Inc

Verna 11-2

3817 NW Expressway Ste # 500
Oklahoma City OK 73112

11 34 38 Stevens KS

Job Ticket: 26341

DST#: 1

ATTN: Dale Passig

Test Start: 2007.01.06 @ 16:21:48

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.60 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

3400 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Gassy Water 5%G 95%W	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

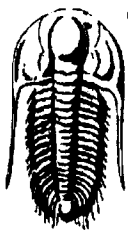
Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: RW=2.49@52F=3400ppm

Sampler=13.7cf G, 1350psi



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

EOG Resources Inc

Verna 11-2

3817 NW Expressway Ste # 500
Oklahoma City OK 73112

11 34 38 Stevens KS

Job Ticket: 26341

DST#: 1

ATTN: Dale Passig

Test Start: 2007.01.06 @ 16:21:48

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	1.00	250.00	7601.19
1	20	1.00	300.00	9038.63
1	30	1.00	300.00	9038.63
2	10	1.00	260.00	7888.67
2	20	1.00	300.00	9038.63
2	30	1.00	300.00	9038.63
2	40	1.00	300.00	9038.63
2	50	1.00	300.00	9038.63
2	60	1.00	300.00	9038.63

Serial #: 8288

Inside

EOG Resources Inc

11 34 38 Stevens KS

DST Test Number: 1

Pressure vs. Time

